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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/691,803

10/21/2003

Andrew Gattuso

6657

25859

7590

02/22/2006

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EXAMINER

NASRI, JAVAID H

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 02/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/691,803

Applicant(s)

GATTUSO ET AL.

Examiner

Javaid Nasri

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 19 and 20 is/are allowed.
- 6) ☒ Claim(s) 1,2,5-8,11-13 and 16-18 is/are rejected.
- 7) ☒ Claim(s) 3,4,9,10,14 and 15 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>10/21/03</u> | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities:

- a) On page 2, Para 0004, line 3, change "6,466,446" to -- 6,466,443 --.

Note: These are few examples only. Applicant is required to check the entire disclosure and correct the disclosure accordingly.

Abstract

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

In the instant case the form and legal phraseology used "said".

Claim Objections

3. Claims 11-18 are objected to because of the following informalities:

- a) In claim 11, line 4, change "fist position" to -- first position --.
- b) In claim 16, line 2, "said frame" lacks antecedent base.

Note: These are few examples only. Applicant is required to check all the claims and correct them accordingly.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1 and 5-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Chu (6,449,157, cited in IDS).

Chu discloses, **for claim 1**, an electrical connector for holding an IC package (4) with a plurality of conductive members, the electrical connector comprising a base (2, see note below) receiving a plurality of terminals (20) for engaging corresponding conductive members; an actuator (6) mounted on the electrical connector and comprising a frame; and at least one latch (60) comprising a body, the body provided on the frame and having a latching portion to hold on the base so as to hold the actuator on the electrical connector (see figure 5), **for claim 5**, the body is integrally disposed on the frame, the latching portion is formed at one end of the body (see figure 1), **for claim 6**, the body is resiliently movable relative to the frame and forms a handle portion on a side thereof (any part can be read as a handle), **for claim 7**, the base (2) defines a cutout (24, see note below) at one edge thereof and forms an engaging portion in the cutout,

6. Claims 1, 2, 5-8, 11-13 and 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsuoka (5,364,286, cited in IDS).

Matsuoka discloses, **for claim 1**, an electrical connector for holding an IC package (2) with a plurality of conductive members, the electrical connector comprising a base (4) receiving a plurality of terminals for engaging corresponding conductive members; an actuator (3A) mounted on the electrical connector and comprising a frame; and at least one latch (22) comprising a body, the body provided on the frame and having a latching portion to hold on the base so as to hold the actuator on the electrical connector (see figures 7 and 8), **for claim 2**, the body is pivotally disposed on the frame, the latching portion is formed at one end of the body (see figure 7, see note below), **for claim 5**, the body is integrally disposed on the frame, the latching portion is formed at one end of the body (see figure 7), **for claim 6**, the body is resiliently movable relative to the frame and forms a handle portion on a side thereof (any part can be read as a handle), **for claim 7**, the base defines a cutout (at 32, see figure 1) at one edge thereof and forms an engaging portion in the cutout, **for claim 8**, a cover (30) slidably mounted on the base, a lid (25) movably attached to the base, transmitting members (5) movably attached to the base and the lid and adapted for transmitting a force acted on the lid to the cover to urge the cover to slide relative to the base from a first position to a second position, and spring members (29) disposed on the base and lid and adapted for urging the lid to drive the cover to slide relative to the base from the second position to the first position via said transmitting members (see note below), **for claim 11**, an electrical connector comprising a base (see figure 7), a cover (30) horizontally slidably mounted on the base, and a lid (25) vertically movably held on the base and urging the cover to move relative to the base between a first position and a second position; an actuator (3A) mounted on the electrical connector and urging the lid to drive the cover to move relative to the base between the first position and the second position; and at least

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one latch (22) disposed on the actuator and held on the electrical connector, thereby holding the actuator on the electrical connector, **for claim 12**, said at least one latch (22) comprises a body, the body having one end disposed on the actuator and another end forming a latching portion adapted to hold on the base (7A, 7A is a base of base), **for claim 13** the one end of the body is pivotally disposed on the actuator, (see figure 7, see note below), **for claim 16**, the one end of body is integrally disposed on the frame (any thing can be read on the frame), **for claim 17**, the body is resiliently (the amount of resiliency is not defined) movable relative to the frame and forms a handle portion (any part can be read on a handle) on a side thereof, **for claim 18**, the base defines a cutout (at 32, see figure 1) at one edge thereof and an engaging portion in the cutout,

Note: USPTO interprets claims, giving claims their “broadest reasonable interpretation.” (See, e.g., *In re Morris*, 127 F.3d 1048, 1054-55 (Fed. Cir. 1997)).

Allowable Subject Matter

7. Claims 19 and 20 are allowed.
8. Claims 3, 4, 9, 10, 14 and 15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

REASONS FOR ALLOWANCE

9. The following is an examiner’s statement of reasons for allowance:

The reason for allowance of the claims is the inclusion of the limitation,

- a) For claim 3, none of the prior art teaches or suggest, alone or in combination the frame defines an opening and bores at opposite sides of the opening, the body defines a through hole corresponding to the bores, in combination with other limitations in the claim which is not found in the prior art reference of record.
- b) For claim 9, none of the prior art teaches or suggest, alone or in combination the actuator having a twin urging member rotatably installed on the frame, the twin urging member having a large cam and a small cam with **a common shaft** immovably connected to the large cam, in combination with other limitations in the claim which is not found in the prior art reference of record.
- c) For claim 14, none of the prior art teaches or suggest, alone or in combination the frame having an opening and bores at opposite sides of the opening, the one end of the body defines a through hole corresponding to the bores, in combination with other limitations in the claim which is not found in the prior art reference of record.
- d) For claim 19, none of the prior art teaches or suggest, alone or in combination a retention mechanism being mounted on the actuator and being equipped with a resiliency device to urge the heat sink toward and package to tightly abut against the IC, in combination with other limitations in the claim which is not found in the prior art reference of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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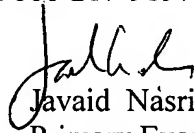
fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Javaid Nasri whose telephone number is 571 272 2095. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tulsidas C. Patel can be reached on 571 272 2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Javaid Nasri
Primary Examiner
Art Unit 2839

JN

Jhn
February 15, 2006